

Appendix B

Resources

There is a wide variety of sources of information on marine debris and other issues related to aquatic environments. This resource list is provided to give educators an idea of where to get further information. Many useful organizations, learning materials, audiovisual materials, and publications are listed here, however. This is not meant to be a complete and exhaustive list of all relevant resources, however.

Organizations

Adopt-A-Beach Program

General Land Office
Stephen F. Austin Building
Room 620
1700 N. Congress
Austin, TX 78701
(512) 463-5052

The Adopt-A-Stream Foundation

P.O. Box 5558
Everett, WA 98206
(206) 388-3487

Big Sweep

c/o KAB
P.O. Box 550
Raleigh, NC 27602
(919) 856-6686

Bullfrog Films

P.O. Box 149
Oley, PA 19547
(800) 543-FROG

California Coastal Commission

45 Fremont Street
Suite 2000
San Francisco, CA 94105-2219
(415) 904-5200

Center for Marine Conservation

1725 DeSales Street, NW.
Suite 500
Washington, DC 20036
(202) 429-5609
and
312 Sutter Street
Suite 606
San Francisco, CA 94108
(415) 391-6204

Clean Ocean Action

P.O. Box 505
Sandy Hook Highlands, NJ 07732
(908) 872-0111

Educational Images Ltd.

P.O. Box 3456, West Side
Elmira, NY 14905
(800) 527-4264

Friends of Animals

1623 Connecticut Avenue
Washington, DC 20009
(202) 483-8998

The Fund for Animals

850 Sligo Avenue
Suite LL2
Silver Spring, MD 20910
(301) 585-2591

Greenpeace USA, Inc.

1436 U Street, NW.
Washington, DC 20009
(202) 462-1177

Institute for Environmental Education

32000 Chagrin Boulevard
Cleveland, OH 44124
(216) 464-1775

The Izaak Walton League of America

1401 Wilson Boulevard
Level B
Arlington, VA 22209
(703) 528-1818

Keep America Beautiful, Inc.

9 West Broad Street
Stamford, CT 06902
(203) 323-8987

Marine Entanglement Network

c/o Defenders of Wildlife
1244 19th Street, NW.
Washington, DC 20036
(202) 659-9510

Appendix B—Resources

Marine Mammal Commission

1825 Connecticut Avenue, NW.
Room 512
Washington, DC 20009
(202) 606-5504

National Wildlife Federation

Fisheries and Wildlife Section
1400 16th Street, NW.
Washington, DC 20036
(800) 432-6564

NOAA/National Marine Fisheries Service

Marine Entanglement Research Program
7600 Sand Point Way, N.E.
Seattle, WA 98115
(206) 526-4009

Mississippi/Alabama Sea Grant College Program

P.O. Box 7000
Ocean Springs, MS 39564-7000
(601) 896-3355
(Note: Sea Grant has many different programs at colleges and universities across the country.)

Project WILD

P.O. Box 18060
Boulder, CO 80308-8060
(303) 444-2390

Seattle Aquarium

Pier 59
Waterfront Park
Seattle, WA 98101
(206) 386-4339

The Society of the Plastics Industry, Inc.

1275 K Street, NW.
Suite 400
Washington, DC 20005
(202) 371-5200

U.S. Coast Guard

Boating, Public and Consumer Affairs
2100 2nd Street, SW.
Washington, DC 20250
(202) 267-2229

U.S. Environmental Protection Agency

Public Information Center
PM-211B
401 M Street, SW.
Washington, DC 20460

Washington State Department of Ecology

Waste Reduction, Recycling, and Litter Control Program
P.O. Box 47600
Olympia, WA 98504
(206) 459-6000

Curricula and Other Learning Materials

Adopt-A-Beach, School Education Program, Curriculum Guide

Project OCEAN, Ocean Alliance, San Francisco, CA. This curriculum guide contains lessons that teach about the problems of marine debris and other marine pollution. Available from the California Coastal Commission for a small fee.

Aquatic Project WILD, 1987
Project WILD, Boulder, CO. A curriculum with lessons on aquatic environments and the impact of people on those environments. It includes a lesson on the effect of plastic wastes on aquatic organisms. Only available through Project WILD workshops. Call Project

WILD for information about the workshops and state workshop coordinators. Workshops are generally free of charge, and accompanying printed materials are free of charge.

Don't Teach Your Trash to Swim!

NOAA's Marine Entanglement Research Program, Seattle, WA. A marine debris coloring book with an anti-litter theme. Available from NOAA's Marine Debris Information Office through the Center for Marine Conservation. Individual copies are free of charge but there is a small fee for multiple copies.

Earth Notes, for Educators, Grades K-6

U.S. Environmental Protection Agency, Washington, DC. This quarterly newsletter presents ideas in environmental education for students in grades K-6. Available from EPA's Public Information Center, free of charge.

Environmental Education Materials for Teachers and Young People (Grades K-12), 1991

U.S. Environmental Protection Agency, Washington, DC. This publication provides a comprehensive list of environmental education curricula and other materials. Available from EPA's Public

Information Center, free of charge. Limit 1 per request.

Get the Drift

Project WILD, Boulder, CO. An educational packet that includes a 24-page teacher's guide, four posters, and six activities on marine debris. Available from Project WILD for a small fee.

***Let's Reduce & Recycle: A Curriculum for Solid Waste Awareness*, 1990**

U.S. Environmental Protection Agency, Washington, DC. EPA/530-SW-90-005. This curriculum presents lessons and activities about solid waste generation and management for students in grades K-12. Available from EPA's Public Information Center, free of charge. Limit 1 per request.

Marine Debris Educational Materials List

A comprehensive list of educational materials on issues related to marine debris. Available from the National Oceanic and Atmospheric Administration's (NOAA) Marine Debris Information Office through the Center for Marine Conservation. Individual copies are free of charge but there is a small fee for multiple copies.

Marine Education: A Bibliography of Educational Materials Available from the Nation's Sea Grant College Programs

Sea Grant College Program, Ocean Springs, MS. This publication contains a listing of curricula, publications, films, filmstrips, and other educational materials from 29 Sea

Grant College Programs across the country. Many of these materials are specific to marine debris. Available from Mississippi/Alabama Sea Grant College Program for a small fee.

Plastic Debris in Puget Sound

A curriculum guide that teaches the effects of plastic debris in Puget Sound. Includes activities and directions for assembling a floor board game. Available from the Seattle Aquarium for a small fee.

Plastics and Marine Debris: Solutions through Education

A teacher's guide that explains how to minimize plastic marine debris by educating the public on how to properly dispose of such wastes. Available from the Society of the Plastics Industry. Individual copies are free of charge but there is a small fee for multiple copies.

***Ranger Rick's NatureScope, Diving Into Oceans*, 1989**

Volume 4, Number 2
Item No. 75042
National Wildlife Federation, Washington, DC. A curriculum aimed at students from grades K-7 containing lesson plans on ocean-related topics, including the impact people have on oceans. Available from the National Wildlife Federation for a small fee.

***Ranger Rick's NatureScope, Pollution: Problems & Solutions*, 1990**

Item No. 75045
National Wildlife Federation, Washington, DC. A curriculum for students from grades K-8 with lessons on many aspects of pollution,

Appendix B—Resources

including trash generation and wastes in aquatic environments. Available from the National Wildlife Federation for a small fee.

Ripples: A Big Sweep Elementary Activity Guide

Big Sweep and University of North Carolina Sea Grant College Program, Raleigh, NC. An activity guide to teach elementary school students the problems associated with litter in aquatic environments. Available from Big Sweep for a small fee.

Save Our Streams, Teacher's Packet

A teacher's packet that gives information on how to protect rivers and streams from debris and other pollution. Available from the Izaak Walton League of America for a small fee.

***School Recycling Programs: A Handbook for Educators*, 1990**

U.S. Environmental Protection Agency, Washington, DC. EPA/SW-90-023. This handbook describes different options and step-by-step instructions for establishing a school recycling program. Available from EPA's Public Information Center, free of charge.

Storm Drain Stenciling Packet

Clean Ocean Action, Sandy Hook Highlands, NJ. Educational cards that describe a unique and community-oriented project for preventing marine debris by discouraging the disposal of trash and other materials in storm drains. Available from Clean Ocean Action, free of charge.

Publications

***50 Simple Things Kids Can Do to Save the Earth*, 1990**

John Javna, The Earth Works Group. Andrews and McMeel, A Universal Press Syndicate Company, Kansas City, MO. This book describes 50 projects that children can do to help solve environmental problems, such as wildlife entanglement in plastics and the buildup of marine debris. Widely available at bookstores.

***Adopting a Stream: A Northwest Handbook*, 1988**

Steve Yates, Adopt-a-Stream Foundation. University of Washington Press, Seattle, WA. This book discusses the effects of people on the wildlife of a stream. Available from the Adopt-A-Stream Foundation for a small fee.

***Adopting a Wetland: A Northwest Guide*, 1989**

Steve Yates, Adopt-a-Stream Foundation. University of Washington Press, Seattle, WA. This publication examines the impact humans have on wetlands. Available from the Adopt-A-Stream Foundation for a small fee.

***Adventures of the Garbage Gremlin: Recycle and Combat a Life of Grime*, 1990**

U.S. Environmental Protection Agency, Washington, DC. EPA/530-SW-90-024. This comic book introduces students in grades 4-7 to the benefits of recycling. Available from EPA's Public Information Center, free of charge.

***A Citizen's Guide to Plastics in the Ocean: More Than a Litter Problem*, 1988**

K.J. O'Hara, S. Iudicello, and R. Bierce. Center for Marine Conservation, Washington, DC. This handbook explains the problems associated with plastic marine debris. Available from the Center for Marine Conservation. Individual copies are free of charge but there is a small fee for multiple copies.

***All About Beach Cleanups: A Helpful Guide to Planning a Beach Cleanup*, 1989**

Center for Marine Conservation, Washington, DC. This pamphlet gives ideas on how to plan and conduct a beach cleanup. Available from the Center for Marine Conservation. Individual copies are free of charge but there is a small fee for multiple copies.

Coastal Connections

Center for Marine Conservation, Washington, DC. This quarterly newsletter promotes beach cleanups and other activities to remove marine debris from the environment. Available from the Center for Marine Conservation. Individual copies are free of charge but there is a small fee for multiple copies.

Don't Mess with Texas Beaches

Adopt-a-Beach Program, Austin, TX. A coloring book that teaches children about marine debris and the problems it causes. Available from the Adopt-a-Beach Program, free of charge.

***Driftwood*, 1985**

Michael Glaser. Knickerbocker, Fiskdale, MA. A 32-page book telling the story of the travels of a tree that falls into the ocean and ultimately becomes driftwood on a beach. Available at bookstores.

Entanglement Network Newsletter

Center for Marine Conservation, Washington, DC. A newsletter that presents information and legislative initiatives on wildlife entanglement in trash. Available from the Center for Marine Conservation. Individual copies are free of charge but there is a small fee for multiple copies.

Preserving Our National Heritage: A Stewardship Guide for Public Resources

Keep America Beautiful, Inc., Stamford, CT, and Take Pride in America, Jessup, MD. This publication discusses ways to preserve public lands, including litter reduction campaigns. Available from Keep America Beautiful, Inc., free of charge.

***Save the Earth: An Action Handbook for Kids*, 1991**

Betty Miles. Alfred A. Knopf, New York, NY. This publication explains a wide variety of environmental problems to children and suggests ways children can help to solve those problems. It includes a section on water pollution and beach cleanups. Widely available at bookstores.

Brochures, Factsheets, and Informational Packets

10 Tips for Boaters

A leaflet describing how boaters can minimize marine debris. Available from Clean Ocean Action free of charge.

10 Tips for a Cleaner Beachfront

A leaflet discussing how beachgoers can reduce plastic marine debris. Available from Clean Ocean Action free of charge.

Informational Packets

Informational packets are available for many different groups, including the general public, beach cleanup participants, beach cleanup organizers, teachers or other educators, elementary school students, recreational boaters or fishers, and press or media representatives. These packets are available from the National Oceanic and Atmospheric Administration's (NOAA)

Marine Debris Information Office through the Center for Marine Conservation. Individual copies are free of charge but there is a small fee for multiple copies.

Marine Debris Facts and Figures

A summary of statistics concerning the use of plastics and their presence in the ocean. Available from NOAA's Marine Debris Information Office through the Center for Marine Conservation. Individual copies are free of charge but there is a small fee for multiple copies.

Our Water Planet is Becoming Polluted with Plastic Debris

A brochure for the general public on the problems of marine debris. Available from NOAA's Marine Debris Information Office through the Center for Marine Conserva-

tion. Small quantities are free of charge.

This Discarded Line Is Done Fishing. But It's Not Done Killing

A brochure on marine debris for those involved in recreational fishing. Available from NOAA's Marine Debris Information Office through the Center for Marine Conservation. Small quantities are free of charge but there is a small fee for multiple copies.

Tossing This Trash Overboard Could Leave Death in Your Wake

A brochure on marine debris for recreational boaters. Available from NOAA's Marine Debris Information Office through the Center for Marine Conservation. Small quantities are free of charge.

Audiovisual Materials

Coastal Cleanup Slide Show

A slide show that details data collection techniques for beach cleanups and gives background information on the marine debris problem. Available from the Center for Marine Conservation. Available on loan or for sale.

Journey of the Blob

A 10-minute film (in both VHS and 16mm formats) about a boy who thinks about disposing of a green glob in a stream. Also includes a study guide. Available for rent or sale from Bullfrog Films.

Marine Debris and Entanglement Slide Show

A 15-minute show containing 48 slides that present an overview of the problems associated with marine debris. Available from the Center for Marine Conservation. Available on loan or for sale.

Protecting Our Waters

Order No. 011-2112. A slide show containing 40 slides showing the effects of pollution from sewage, solid wastes, industrial wastes, and other sources on inland and coastal waters. Includes a guide and a cassette. Available from Educational Images Ltd. for a fee.

Trashing the Oceans and Port of Newport Video

A video that discusses marine debris and one innovative solution. Available for loan or sale from the National Oceanic and Atmospheric Administration's (NOAA) Marine Debris Information Office through the Center for Marine Conservation.

Posters and Stickers

Don't Splash Your Trash

A black and white poster that can be colored in, showing boats dumping trash overboard into a sea full of marine life. Available from the Washington State Department of Ecology, free of charge. Limit 1 per request.

Don't Teach Your Trash to Swim

A color poster showing a fish entangled in a six-pack holder. Available from the National Oceanic and Atmospheric Administration's (NOAA) Marine Debris Information Office through the Center for Marine Conservation. Individual copies are free of charge but there is a small fee for multiple copies.

Don't Teach Your Trash to Swim

A color sticker showing a fish entangled in a six-pack holder. Available from the National Oceanic and Atmospheric Administration's

(NOAA) Marine Debris Information Office through the Center for Marine Conservation. Individual copies are free of charge but there is a small fee for multiple copies.

Litter Is Not for the Birds

A black and white poster that can be colored in, showing birds surrounded by trash. Available from the Washington State Department of Ecology, free of charge. Limit 1 per request.

Marine Debris, Get a Grip on It

A poster of an octopus picking up trash and putting it in a trash can. Available from the Pacific Science Center.

MARPOL Boating Sticker

A color sticker that outlines the MARPOL regulations for boaters. Available from NOAA's Marine Debris Office through the Center for Marine Conservation. The sticker is available in English,

Spanish, and Vietnamese. Individual copies are free of charge but there is a small fee for multiple copies.

Popeye

A full-color poster with Popeye the Sailor saying "I hope ya swabs won't be throwin' no PLASTICS overboard!" Available from the Center for Marine Conservation. Individual copies are free of charge but there is a small fee for multiple copies.

Ride the Wave of the Future: Recycle Today!

A colorful poster that promotes recycling. Available from the U.S. Environmental Protection Agency. Available from EPA's Public Information Center, free of charge.

Silent Killers

A poster showing the effects of plastics on wildlife. Available from Clean Ocean Action.